

**Washington State Department of Corrections
Major Project Status Report to OFM
June 2010**

Agency Number: 310

Agency: Department of Corrections

Project Number: 04-2-008

Institution: Washington Corrections Center (WCC)

Project Title: REGIONAL INFRASTRUCTURE

Bill Reference(s): Laws of 2003, Chapter 26, Section 274

Laws of 2005, Chapter 488, Section 262

Laws of 2007, Chapter 520, Section 2055

Laws of 2009, Chapter 497, Section 2042

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Project Description: The City of Shelton, the Department of Corrections (DOC) and the Washington State Patrol (WSP) formed a partnership to establish a regional water and sewer utility, which Shelton will own and operate. Shelton is managing the design and construction. The project goals are to provide water and sewer service to all of the partner agencies, to provide enhanced environmental protection in the service area, and to reduce the existing shellfish closure zone in Oakland Bay. The Washington Corrections Center (WCC) was operating a wastewater treatment plant (WWTP) that was well past its life cycle and the effluent spray field was operating under a temporary permit.

The regional system is providing WCC and the Washington State Patrol (WSP) Academy with sewer service through the construction and operation of a satellite WWTP, located near Sanderson Field off Highway 101. This project ensures WCC a future tie-in to the regional water system when institutional growth exceeds the facility's potable water rights and all water consumption reduction efforts made possible from the new reclaimed water source have been realized.

Square feet: N/A

Scope Changes: There has been no change in project scope.

Project Total Cost:

Phase	Biennium	Appropriation	Amount
Pre-Design	03-05	G 24	\$ 62,237
Design	05-07	G 24R	\$ 1,488,223
Design	05-07	H 02	\$ 17,203
Design	07-09	G 24R	\$ 330,244
Design	09-11	G 24R	\$ 171,183
Design	09-11	J 00	\$ 87,160
Construction	07-09	G 24R	\$ 10,604,492
Construction	09-11	G 24R	\$ 1,766,651
Construction	09-11	J 00	\$ 787,840
Construction	11-13		\$ 1,766,858
Other	03-05	G 24	\$ 10,800
Other	05-07	G 24R	\$ 26,224

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Other	07-09	G 24R	\$ 59,070
Other	09-11	G 24R	\$ 192,615
Other	09-11	J 00	\$ 25,000
Other	11-13		\$ 41,200
Total			\$ 17,437,000

Schedule:

	Budget Schedule	Actual/Forecast	Variance (weeks)
Pre-design Complete	N/A	3/31/06	0
Satellite Water Reclamation Plant:			
Start Design	7/1/05	8/15/06	59
Bid Date BP 1 – (Pipelines)	1/1/06	11/06/07	96
Bid Date BP 2 – (Plant)	1/1/06	5/13/08	123
NTP BP 1	3/1/06	2/15/08	102
NTP BP 2	3/1/06	7/15/08	124
50 % Complete BP 1	5/15/07	4/15/08	48
50 % Complete BP 2	5/15/07	4/15/09	100
Substantial Completion BP 1	6/30/08	6/30/08	0
Substantial Completion BP 2	6/30/08	1/15/10	81
Final Acceptance BP 1	8/30/08	7/30/08	-4
Final Acceptance BP 2	8/30/08	6/30/10	96
City of Shelton Regional Water System:			
Start Design - Dayton-Airport Road Water Expansion (DAR)	2009-2011	7/31/10	0
Design Complete DAR	2009-2011	6/1/2011	0
Start Construction DAR	2011-2013*	7/15/11	
Construction Complete DAR	2011-2013*	6/1/12	
City of Shelton Wastewater Treatment Plant Upgrade:			
Start Design	01/10/08	01/10/08	0
Design Complete	01/10/09	09/10/09	35
Start Construction	01/10/10	01/20/10	1
Construction Complete	07/10/11	06/04/11	-5

* The WSP and DOC will request funding in the 2011-13 Capital Budget. Schedule is dependent upon funding.

Project Status and Discussion of Critical Path for Construction:

The Conveyance/Reclaimed Water Pipeline System completed in June 2008 and the Satellite Water Reclamation Plant was operational October 28, 2009. As part of this project, the waterline from Wal-Mart across Highway 101 to the satellite water-reclamation plant has been completed.

The City of Shelton had expected to find additional funds to complete the main water system scope of work, beginning design for this system in the 2009-2011 Biennium. However, Shelton encountered funding challenges and is unable to contribute to this part of the infrastructure improvements.

Because this phase is critical for the State Patrol, the two state partners agreed to proceed with the design for the Dayton-Airport Road Water Expansion Project, using a phased scope approach to deliver water specifically to meet the immediate needs of the WSP Academy and future needs of WCC. The design consultant is expected to be selected in July 2010.

The City of Shelton Wastewater Treatment Plant Upgrade project construction started in January 2010 with a completion scheduled in June 2011.

Contract Award History:

A/E Agreement	Amount	Construction Contract	(Excluding Sales Tax)
Original Agreement	\$ 62,237	DOC's Share (71.85%) of BP1 & BP2 Award Amount	\$ 12,575,730
Amendments	\$ 2,044,489	DOC's Share (3%) of WWTP Award Amount	\$ 531,045
Pending Changes	\$ 0	Change Orders covered specifically by DOC	\$ 66,948
Total	\$ 2,106,726	Pending Changes	\$ 0
		Total	\$ 13,173,723
Current Design Contingency	\$ 32,320	Current Construction Contingency	\$ 0

Potential for Project Cost Overruns/Claims: Potential cost issues could result from increased construction costs due to project delays.

- **Regional Water System Project:** Shelton informed DOC and the WSP that they lack funding for the Regional Water System Project. The state partners agreed to a phased approach to meet the needs of both agencies without overextending available resources.
- **City of Shelton Wastewater Treatment Plant Upgrade Project:** No project cost overruns/claims are anticipated at this time.

Discussion of Project Quality: Work completed at this time have met or exceeded construction quality standards.

Project Photographs: See photographs on next page.

Satellite Water Reclamation Plant (Completed)



City of Shelton Wastewater Treatment Plant, Biosolids Upgrade Concrete Work, May 2010

